

Docket No.: 3691-0115PUS1
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Akira MATSUDA et al.

Application No.: 10/524,817

Confirmation No.: 1607

Filed: February 18, 2005

Art Unit: 1635

For: 4'-THIONUCLEOTIDES

Examiner: Not Yet Assigned

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS

MS PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Notification of Missing Requirements dated July 25, 2005, Applicant respectfully submits:

- Attached is a copy of the Notification of Missing Requirements (371 Formalities Letter).
- Attached is the Executed Declaration and Power of Attorney Original Photocopy.
- The specification attached to the executed Declaration and Power of Attorney is a true copy of the specification that was filed in the U.S. Patent and Trademark Office on February 18, 2005, including any amendments thereto (if applicable) filed on even date therewith.

- The undersigned hereby declares that "Attorney Docket No. 3691-0115PUS1" on page 1 of the attached Inventors' Declaration corresponds to Appl. No.10/524,817 filed February 18, 2005 entitled "4'-THIONUCLEOTIDES."
- Attached is an English language translation of the above-identified application that was filed in a foreign language, which should be used as the copy for examination purposes.

See the attached Translator's Verification; or

The undersigned states that the English translation attached hereto is a true and correct translation of the application as originally filed in a foreign language.

- Attached are **0** sheet(s) of drawings. Please substitute these replacement drawings for the corresponding **0** sheet(s) of drawings on file in the above-identified application.
- Attached are substitute claims commencing on a separate sheet in accordance with 37 C.F.R. § 1.75(h).
- Attached is a substitute abstract commencing on a separate sheet in accordance with 37 C.F.R. § 1.72(b).
- Attached is a substitute specification that complies with 37 C.F.R. § 1.52. The substitute specification does not contain new matter.
- Attached is a preliminary amendment.
- Applicant claims small entity status under 37 C.F.R. § 1.27.

Attached is a Supplemental Application Data Sheet (ADS).

Submitted concurrently herewith under separate cover for recording is an Assignment.

Attached is a Petition for Extension of Time.

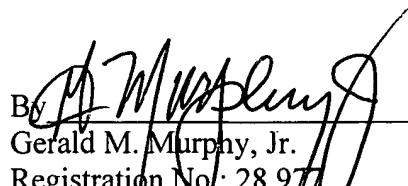
The Government Filing Surcharge for late filing of oath and/or declaration in the amount of \$65.00 in accordance with 37 C.F.R. §§ 1.494 and 1.492 was previously paid for concurrently with the filing of the application on February 18, 2005.

Attached hereto is the fee transmittal listing the required fees.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to our Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

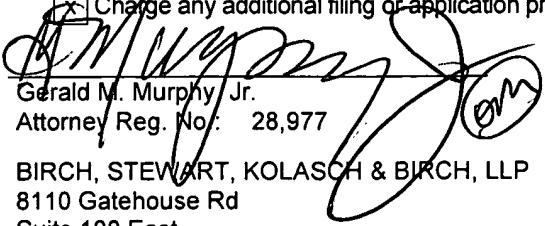
Dated: **SEP 13 2005**

Respectfully submitted,

By 
Gerald M. Murphy, Jr.
Registration No. 28,971

BIRCH, STEWART, KOLASCH & BIRCH, LLP
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Attachment(s)

AMENDMENT TRANSMITTAL LETTER				Docket No. 3691-0115PUS1
Application No. 10/524,817-Conf. #1607	Filing Date February 18, 2005	Examiner Not Yet Assigned	Art Unit 1635	
Applicant(s): Akira MATSUDA et al.				
Invention: 4'-THIONUCLEOTIDES				
MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450				
Transmitted herewith is a first preliminary amendment in the above-identified application.				
The fee has been calculated and is transmitted as shown below.				
CLAIMS AS AMENDED				
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate
Total Claims	6	- 20 =		x
Independent Claims	4	- 4 =		x
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>				
Other fee (please specify):				
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:				0.00
<input type="checkbox"/> Large Entity		<input checked="" type="checkbox"/> Small Entity		
<input checked="" type="checkbox"/> No additional fee is required for this amendment.				
<input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of \$ _____. A duplicate copy of this sheet is enclosed.				
<input type="checkbox"/> A check in the amount of \$ _____ to cover the filing fee is enclosed.				
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.				
<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>02-2448</u> as described below. A duplicate copy of this sheet is enclosed.				
<input type="checkbox"/> Credit any overpayment.				
<input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.				
Dated: <u>SEP 13 2005</u>				
 Gerald M. Murphy, Jr. Attorney Reg. No. 28,977				
BIRCH, STEWART, KOLASCH & BIRCH, LLP 8110 Gatehouse Rd Suite 100 East P.O. Box 747 Falls Church, Virginia 22040-0747 (703) 205-8000				

Rec'd PCT/PTO 13 SEP 2005
D.M.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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Alexandria, Virginia 22313-1450
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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/524,817	Akira Matsuda	3691-0115PUS1
		INTERNATIONAL APPLICATION NO.
		PCT/JP03/10576
02292	I.A. FILING DATE	PRIORITY DATE
BIRCH STEWART KOLASCH & BIRCH PO BOX 747 FALLS CHURCH, VA 22040-0747	08/21/2003	08/22/2002

CONFIRMATION NO. 1607
371 FORMALITIES LETTER

(S) DOCKETED 9/25/05



OC000000016532765

Date Mailed: 07/25/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 02/18/2005
- English Translation of the IA filed on 02/18/2005
- Copy of the International Search Report filed on 02/18/2005
- Copy of IPE Report filed on 02/18/2005
- Information Disclosure Statements filed on 02/18/2005
- Biochemical Sequence Listing filed on 02/18/2005
- U.S. Basic National Fees filed on 02/18/2005
- Priority Documents filed on 02/18/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with the response.

INDIA L EVANS

Telephone: (703) 308-9140 EXT 212

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/524,817	PCT/JP03/10576	3691-0115PUS1

FORM PCT/DO/EO/905 (371 Formalities Notice)